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Generate Collection

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L18: Entry 5 of 9

File: USPT

Oct 31, 2000

DOCUMENT-IDENTIFIER: US 6141662 A

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TITLE: Keyword-formatted hierarchical file management apparatus and method

Abstract Text (1):

A keyword is provided for each file, and a list of a plurality of files is displayed using a tree structure based on the keywords. From the file list, a source file to be moved or copied is selected, and is moved or copied to a different location. Then, a keyword corresponding to the location to which the file has been moved or copied is added to the source file. In addition, the form of the source file is converted to a file form that corresponds to that at the location to which the file is moved or copied.

Detailed Description Text (223):

Following this, at step S3108, a search of the target objects is performed using the keywords 3002, in a count equivalent to the count obtained for the search keywords, that are designated by the user and that have higher priority levels. The processing is thereafter terminated.

Detailed Description Text (421):

In the example in FIG. 60, the moving or copying source file is "1997.4.5 file-abc". The keyword or the index data for the moving or copying destination, "Another company information, B Co.", are added to the original keyword or the index data for the file, "Bill, 1997", 603 to thereby obtain the updated keyword or index data, "Bill, 1997, Another company information, B Co". 607.

Detailed Description Text (427):

The user selects a text file, "file-abc", from the file list, and employs a mouse to enter an instruction 624 to move or copy it to the image data tree. Then, the selected file is converted from a text file, which is the moving or copying source file form, into an image data file, which is a moving or copying destination file form, and the resultant file is moved or copied into "1997.4.5 file-abc".

Detailed Description Text (433):

In the example in FIG. 62, since the source file to be moved or copied, "file-abc", has a text format and a file for the moving or copying destination has an image data format, at step S634 the original file is converted to the image data format before the moving or copying process is begun.

CLAIMS:

8. An information processing apparatus comprising:

a file memory for storing a plurality of files of various formats;

a file identifier display circuit adapted for sorting the plurality of files into a plurality of classes in accordance with the file formats, and displaying file identifiers of the plurality of files, wherein a respective file identifier of each file is displayed at a position corresponding to a class to which the file belongs;

a file processing circuit adapted for moving or copying, to a position corresponding to a different class, a file identifier that is selected from among the file identifiers displayed by said file identifier display circuit; and

a conversion circuit adapted for converting a file format of the file for which the file identifier is moved or copied by said file processing circuit into a file format that corresponds to the class corresponding to the position to which the file has been moved.

16. An information processing method comprising:

a file storage step of storing a plurality of files of various formats;

a file identifier display step of sorting the plurality of files into a plurality of classes in accordance with the file formats, and displaying file identifiers of the plurality of files, wherein a respective file identifier for each file is displayed at a position corresponding to a class to which the file belongs;

a file processing step of moving or copying, to a position corresponding to a different class, a file identifier that is selected from among the file identifiers displayed at said file identifier display step; and

a conversion step of converting a file format of the file of which the file identifier is moved or copied at said file processing step into a file format that corresponds to the class corresponding to the position to which the file has been moved.

18. A computer-readable storage medium in which is stored a program for controlling a computer, the program comprising code for permitting the computer to perform:

a file storage step of storing a plurality of files of various formats;

a file identifier display step of sorting the plurality of files into a plurality of classes in accordance with the file formats, and displaying file identifiers of the plurality of files, wherein a respective file identifier of each file is displayed at a position corresponding to a class to which the file belongs;

a file processing step of moving or copying, to a position corresponding to a different class, a file identifier that is selected from among the file identifiers displayed at said file identifier display step; and

a conversion step of converting a file format of the file for which the file identifier is moved or copied at said file processing step into a file format that corresponds to the class corresponding to the position to which the file has been moved.